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COURSE OBJECTIVES

It is expected that after going through the course, the student will be able to:

1. Know the main parts of the motor vehicle.
2. Understand the principles of operation of the internal combustion engine.
3. Know the electrical systems of the motor vehicle
4. Know the fuel supply system on the motor vehicle.
5. Understand the operation the cooling systems.
6. Know the lubrication system of the motor vehicle.
7. Know how to diagnose and rectify automotive engine system faults.

Materials uploaded

1. Main parts and functions of motor vehicle.
2. The engine and its operation.
3. Introduction to automotive electrical systems
4. The fuel supply system.
5. The cooling system of the motor vehicle
6. The lubrication system of the motor vehicle

REFERENCES

Hillier, VAW (1996). **Fundamentals and Automotive Electronics** (2nd ed)

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Hirst, J (1986). **Engines and Electrics**. Essex: MacMillan.

Newton, K ., Steeds, W and Garrett, T K (1989). **The Motor Vehicle**. Cornwall:
Hartnolds Ltd.